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Abstract

The invention relates to a method for proving the pedigree and/or for the identification of animals or of biological material from animals and organisms, which comprises the following steps:

- storing on a data carrier identification data in the form of an encrypted message which has an unambiguous and predetermined connection with genetic information unambiguously identifying an animal or the biological material,
- verifying the identification data with respect to whether said data have the predetermined connection with the genetic information,

and also to a smartcard and a computer system to be used for this method and to a method for generating data assigned to the animal.